

REMARKS

In view of the following remarks, together with the Amendment filed July 13, 2006, Applicant believes the pending application is in condition for allowance.

Conventional flat vibration motors, such as the ones shown in JP '570 and described in the background section of Applicants' specification, have coils constrained by bottom and side surfaces, but with unconstrained upper surfaces. Because of this, when the coils swell up due to the heat expansion caused by the high temperature (245 °C) generated during the soldering process, the coils expand upwardly, unconstrained. Thereafter, the upwardly expanded coils may collide with the upper case lying thereover. This is a serious problem that is solved in Applicants' invention.

According to the present invention, as claimed, a rotator covers the upper circumference of the coil. This arrangement is not disclosed or made obvious by the applied prior art. This structure prevents the coil from expanding upwardly during the soldering process as in the conventional art. Accordingly, the reliability and the performance of the flat vibration motor can be improved.

Should there be any outstanding matters that need to be resolved in the present application, the Examiner is respectfully requested to contact Robert J. Webster (Reg. No. 46,472) at the telephone number of the undersigned below, to conduct an interview in an effort to expedite prosecution in connection with the present application.

Application No. 10/517,839
Amendment dated August 14, 2006
After Final Office Action of April 13, 2006

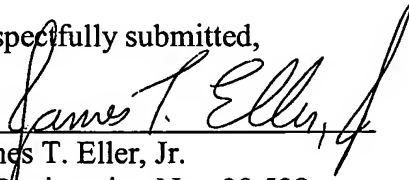
Docket No.: 3449-0418PUS1

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37.C.F.R. §§1.16 or 1.14; particularly, extension of time fees.

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Respectfully submitted,

By


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